**Swathi Nimmakayala Email:** [**swathi.nimmakayala01@gmail.com**](mailto:swathi.nimmakayala01@gmail.com)

**Certified C# .NET Full Stack Developer Contact: 908-605-0278**

**Sr. C# .Net Developer/UI Developer**

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**PROFESSIONAL SUMMARY**

* Over 8+ years of Experience in Microsoft .net applications using **C#,**[**ASP.NET**](http://asp.net/)**,**[**ADO.NET**](http://ado.net/)**, Web Services, Web Forms, Win Forms**, **MS SQL Server, Bootstrap 3.0/3.3 and Angular 4.0/2.0/1.6/1.5 and 1.4 , Type Script 2.0/2.1/4.0 & Web API 2.0.**
* Leading technology teams (4 - 6 members in total) across geographies and successfully delivering large, complex financial software systems.
* Most recent concentration has been the design of object oriented web applications for client-server applications using Angular 4, Bootstrap, CSS 3, and SASS.
* Used Microsoft TFS (Team Foundation Server) to build processes, testing infrastructure. It became easy to collaborate, connect with the team.
* Good understanding and experience working on **ASP.NET core**.
* Experience in developing **Microservices** using **ASP.NET core**
* Experience working with **classic ASP** for generating dynamic web pages.
* Experience in all phases of **Software Development Life Cycle (SDLC)** from Requirements gathering, Analysis, and Design, Development, Documentation, Testing, Implementation and Maintenance of various Web and windows applications in **Waterfall** and **Agile Methodology.**
* Experience working on N-Tier Architectures such as MVC (Model View Controller), MVVM (Model View, View Model) in applications Strong Understanding of Data structures, Algorithms, Object-Oriented Design, Design patterns like singleton, factory, MVC, MVVM.
* Experience working with **JavaScript**, **VBScript**, **JQuery, AngularJs, KnockoutJs, Kendo UI** and **AJAX** in **ASP.NET** for asynchronous communication and better user experience.
* Experience working with **XML, XSLT, XQUERY, and XPATH** and worked with libraries.
* Worked with the Kendo UI using Grid and Chart controls.
* Hands on Experience in using **wireframes and Jasmine testing** and creating **single page applications using Angular 2**
* Experience working in projects and built applications based on **MVC** 4.0/5.0 frameworks and Experience in **AGILE** and **SCRUM** environments.
* Experience in rendering **AJAX** features for building Rich Interactive Applications using Ajax Control Toolkit along with **JavaScript, JQUERY, JSON.**
* Expertise in using **Data Binding Controls(Dataset, Data Reader, Data Adapter, Grid View)**
* Experience with Service Oriented Architecture (SOA) implementing WCF and SOAP and RESTFUL Web Services.
* Experience in developing **Web API** to create **REST FUL Web services**.
* Implemented client side Interface using **React JS**. Build stable React components and stand-alone functions to be added to any future pages. Used React-Router to turn application into Single Page Application
* Experience in creating and deploying **XML** Web Services using [ASP.NET](http://asp.net/). Consumed Web Services from both **Win Forms** and [**ASP.NET**](http://asp.net/)**Web Forms.**
* Expertise with **creating single page applications using Angular JS with MVC capability**.
* Involved in implementation of MVC pattern using **Angular 2, Kendo UI, JSF and Spring Controller**.
* Extensive experience in designing web applications using **HTML5**, including JavaScript libraries like **jQuery, Typescript 2.0/2.1, AngularJS.**
* Experience in handling databases like **MySQL** and **NoSQL** databases like **MongoDB.**
* Hands on experience in developing **XAMARIN** mobile application and created and updated mobile pages in **XAMARIN**  Forms for cross platform mobile application
* Designed GUI and interfaces with services for mobile applications, Asynchronous Programming in **XAMARIN** **.Android** **and XAMARIN** **.Forms**
* Experience in **RDBMS Concepts, Database Management Systems**, Database Physical and Logical design, Data Mapping, Table normalization, **Data Modelling.**
* Expert in Database design and development and experience in writing **SQL queries, Views, Triggers, Stored Procedures, Cursors, and Joins in SQL Server, Oracle and MS-Access**.
* Experience in handling various backend data sources **like MS SQL Server 2005/2008/2012.**
* Experience with the **Object Relational Mapping (ORM)** using **LINQ.**
* Experience in implementing the design Patterns like **MVC** and Experience in developing the business reports using **SSRS.**
* Experience in working with **Crystal Reports** and **SQL Server Reporting Services (SSRS).**
* Worked with **IIS** and .NET **Assemblies** during application deployment and experience in using XML Serialization.
* Created application roadmap in partnership with product management and internal customers to support development teams transitioning in-house.
* Team Player with Focused/Committed / Get-the-Job-Done Attitude, highly organized and able to work independently.

**EDUCATION:**

B-Tech in Computer Science, India

**CERTIFICATIONS:**

* Microsoft Certification in Programming in C#

**TECHNICAL SKILLS:**

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| **Internet Technologies** | Microsoft .NET framework, ASP.NET MVC 3.5/4/5,MVVM, ASP.NET Web forms, AJAX, ASP, ASP.NET CORE, Micro Services, JQUERY, IIS Web Server, WPF,WCF Services, XML Web Services, SharePoint, NHibernate, Control M |
| **Programming Languages** | C, C++, C#, SQL, T-SQL, PL/SQL and VB 6.0 |
| **Distributed Technologies** | Restful, Web API ,WCF and SOAP |
| **Databases** | MS Access, MS SQL Server, POSTGRESSQL, Cassandra, NO-SQL, Mongo DB |
| **Database Access Technologies** | Entity Framework, LINQ, LINQ to objects, ADO.NET |
| **UI Technologies** | HTML5, Bootstrap 3.0/3.3, typescript 2.0/2.1/4.0, CSS3, XML, JavaScript, Angular 1.3/1.4/1.5/1.6/2.0/4.0, React JS, REDUX, JQuery, KnockoutJs, Node.Js, handlebar.js ,KendoUI, VBScript, ASP, Swagger UI, PHP |
| **IDE** | Visual Studio 2015/2013/ 2012/2010/2008. |
| **Design Tools and Languages** | UML, Visio 2000 for enterprise architects and Rational rose |
| **Reporting Tools** | Crystal Reports, SSIS, SSRS, Tableau, Qlikview, Telerik Reporting |
| **Version control and installation tools** | Visual source Safe, Tortoise SVN, MS Team foundation server |
| **Other** | MS Application Block 4.0, JIRA, SiteCore, Drupal |
| **Operating Systems** | Windows 8/7/2000/XP/NT/98/95, UNIX |
| **Packages** | MS-Office |
| **Testing Tools** | N-Unit |

**PROFESSIONAL EXPERIENCE:**

**PNC, Pittsburgh Pennsylvania Aug 2016-Till date**

**Role: Sr. C# .NET Full Stack Developer/UI Developer/Angular Developer**

**Project Name:** **Mortgage Application**

PNC Bank is a mortgage banking company that specializes in the servicing of residential mortgage loans. This System is to assist PNC finance division to recover money from defaulters. This system helps recovery department agents to interact with borrowers and analyze the reason for default, current financial status of the borrower etc., this system will help the agent to come up with recovery plan to collect default amount from the borrower.

**Responsibilities:**

* Working in **Agile Methodologies** for rapid development and regular adaption to the varying requirements and continuous delivery of the working software.
* Involved in writing the front-end code for the application using Angular 4.
* Prototype **Microservices** sample that demonstrated the use of Azure API management
* Prototype concept using **ASP.NET core** and EF7 model first to replace current Access apps.
* Development, enhance, Create process (to automate inbound and outbound data flow of Fund excel files) on .NET Framework 4.5.
* Implemented grid modules in **React JS** combined with Angular CLI for increased performance.
* Used the Node Package Manager (NPM) to install libraries like angular-cli, typescript etc., which are required for developing an angular application in Node.
* Designed and developed the Presentation layer using Angular 4 and Angular Material.
* Design and develop Web Applications using ASP.NET MVC 5 and C# that are used by internal users.
* Updated the application with new features of **Angular 4.**
* Worked on some of the new features of **Angular 4** like new if else syntax, **ng-templates, form validators, Router etc.**
* Implemented Angular JS& JQuery for client side sorting and validations. Used the Angular JS, Backbone JS and MVC 5 Frameworks in the development of the web applications.
* Used **Angular JS** Directives and Expressions to manipulate UI data entry points in the application.
* Created Restful services using ASP.NET Web API. Configure the service web.config files programmatically using Linq to XML. Used Generics, Lambda Expressions, Extension Methods, Linq to Sql, Linq to Objects
* Used TFS for code check in and versioning.
* Extensively involved in coding with Angular 2.0 and java script to add functionalities and effects like Accordion, Infinite Scroll bar, Slider bar, Draggle/Droppable, Resizable, Progress bar
* Created the design documents using Swagger Editor to allow an understanding of the product from both a technical and non-technical stand point.
* Created client app using api controller to consume the RESTful web service.
* Expertise on MVC frameworks like AngularJS` for creating Single-Page Applications(SPA) using concepts like Dependency Injection, Promises, Services, Scope, Controllers and Directives.
* Business end user facing front pages using **Angular JS 1.6**, CSS 3, HTML 5, JavaScript and Bootstrap.
* Implemented to making browser compatibility and mobile friendly using Bootstrap Library.
* Responsible for React UI and architecture. Building components library, including Tree, Slide-View, and Table Grid.
* Worked on developing the components using Angular 2 needed for the application from the scratch and customizing from various Angular related libraries to meet the application's functionality.
* Developed application using ASP.NET Core along with a Service Oriented Architecture (SOA).
* Build and deployed ASP.NET Core application to Azure Cloud Service.
* Implemented .Net Security features of Authentication and Authorization.
* Successfully migrated an application developed in Angular 1.6 to Angular 2.0
* Developed features for customer facing website using C#, ASP.NET MVC 4/5, CSHTML, Html Helpers, JavaScript, JQuery, KnockoutJs, Kendo UI,AJAX, **Bootstrap**, **CSS**, **LINQ**, **Entity Framework**, **WCF**, **SQL Server**.
* Developed MVC **Razor views**, **partial views**, **layout pages,** complex **Controllers**, helper methods, View Models.
* Worked with **Kendo UI for Asp.Net MVC application** for developing a dashboard which contains the all the data including internet packages, plans, offers, and price for each internet package.
* Worked with **XSLT** for transforming the **XML document** to other format, and data change/updates**.**
* Developed new user interface components for different modules using **Kendo UI with various controls including Grid controls, and chart controls etc.**
* Created various stored procedures for the data retrieval from the database and generating different types of reports using SQL reporting services (SSRS).
* **Used various report items like charts, Excel type, Barcode reports etc to develop the reports in Telerik and** embedded these reports into our application**.**
* **Experience working with Telerik reporting tool for performing the export and import functionalities in various formats like CSV, PDF, or Excel Spread sheets etc.**
* Created SSIS packages and migrated data between different databases.
* Experience in **IIS**.

**ENVIRONMENT**: NET core 1.0, ASP.NET core 1.0, Visual Studio 2015, .Net framework 4.5, MVC 4.0/5.0, C#, AngularJS 4.0/2.0, Bootstrap, SVN, Karma, Protractor, NUNIT, HTML5, CSS3, Sharepoint, **Telerik Reporting tool Q3 2013/2014 V8/2015 V9**, Log4Net, NuGet Packages, Windsor.

**State of GA-DEPT. of Finance & Admin., GA July 2014-Aug 2016**

**Role: Sr. C# .NET Developer**

**Project Name: AOJ System**

Admin of Justice (AOJ) is to record process and report revenue collected by the courts as used by the office of administrative services (OAS), AOJ created for the judges program which tracks the payments received from cities and counties for judges salaries based on a yearly agreement and also application tracks payments received from courts for TAJ (AOJ Trust) and miscellaneous funds.

**Responsibilities:**

* Working in **Agile Methodologies** for rapid development and regular adaption to the varying requirements and continuous delivery of the working software.
* Designed web application using ASP.NET MVC 5 (Model-View Controller) and AngularJS 1.5
* Convert the web sites to web applications to make **Azure** compatible.
* Involved in deploying web applications, websites and console applications to the **Microsoft Azure Cloud**.
* Design, develop, and support reports and dashboards using Jaspersoft reporting platform and related tools.
* Used C# in **Xamarin** to create native mobile application.
* Developed new user interface components for different modules using **Kendo UI.**
* Implemented **Security, Routing**, **bundle** configuration, **Action Selectors**, **Action Filter, and Caching** in MVC controllers for application development.
* Used concepts and features like **Collections**, **Generics**, **Extension methods**, **dynamic** types, **Delegates**, **Func**, **and Action.**
* Implemented Angular Router to enable navigation from one view to the next as agent performs application tasks.
* Evaluated several of their 2010 **MS Access production databases** and to determine what issues were contributing to their databases' poor performance.
* Experience working with the **Kendo UI** controls including **Grid, Chart, and Editor** Components **etc.**
* Extensive mobile UI design and implementation experience, including prototyping.
* Built native iOS and Android applications using Android SDK, IOS SDK in **Xamarin**.
* Experience on developing windows apps using **Xamarin** forms
* Implemented **AngularJS** Controllers to maintain each view data and Service calls using **Angular** Factory
* Designing WPF Forms, Custom Controls and User Controls using XAML language for interactive UI.
* Working closely to the client for **requirement gathering** and **analysis** and provided desired solution to client in time limits.
* Produce user interface **wireframes** and prototypes for Web-based customer account management system at desktop, tablet, and smartphone display resolutions.
* Involved in implementation of **Object Oriented Concepts** during the development.
* Performed multithreading programming to improve the application performance.
* Developing the application using **MVC 5.0**
* Extensive experience on **MVC frameworks** like **AngularJS** for creating **Single-Page Applications**(SPA) using concepts like **Dependency Injection, Promises, Services, Scope, Controllers and Directives**.
* Responsible for UI design with **Angular, JavaScript, Bootstrap, Html5, CSS3**.
* Coded AngularJS controllers and directives for application functionality and filters for heavy DOM manipulation.
* Implemented .Net Security features of **Authentication** and **Authorization** using .Net Membership.
* Implemented Testing using Karma, Jasmine, Protractor, and NUNIT.
* Developed Stored Procedures, Triggers, and Views in SQL Server 2012 for accessing the database.
* Designed interactive ASP.NET **MVC 4 Razor** views using **telerik mvc** controls**,** asp.net controls, **JavaScript**, **JQuery**, **KnockoutJS**, **HTML**, **Bottstrap**, **CSS** and **AJAX** to provide excellent user experience.
* Developed T-SQL queries to fetch data as per the business requirements with proper tuning techniques.
* Developed various stored procedures for the data retrieval from the database and generating different types of reports using SQL reporting services (SSRS).
* Hands on experience in creating reports using **Telerik Reporting** tool. Created various reports with more information about our company products.
* Experience in **IIS**.

**ENVIRONMENT**: Visual Studio 2013, .Net framework 4.5, MVC 4.0/5.0, C#, Angular, Bootstrap, Angular, TFS, Cassandra, Log4Net, NuGet Packages, Karma, Protractor, NUNIT, HTML5, CSS3, Kendo UI, **Telerik Reporting Tool 2012/2013**, Windsor.

**NCR Corporation, Atlanta GA Sep 2013 – June 2014**

**Role: .NET Developer**

**Project Name: APTRA Activate**

NCR APTRA Activate is the world’s most advances self-service ATM software application. APTRA Activate provides Self-Service ATM software for multichannel banking that delivers secure transactions and optimum network manageability. The product ensures that no customer information is ever traced.

**Responsibilities**:

* Involved in gathering requirements specifications from the end clients.
* Used to collect the contract, agreement documents and deal summary to go over the details required for the project.
* Used Microsoft Visio 2008 to create the mockup pages and show to the end clients for approval.
* Used **ASP.NET**, JavaScript, **HTML5, CSS** and **CSS5** to develop user interface.
* Developed the **UI** using WinForms in **VB.NET.**
* Used **SOAP** based web services to develop **N-tier** distributed **.NET** applications.
* Used **VB.NET, .NET** framework to work on generating the middle tier components.
* Experience in design using OOP's concepts like Encapsulation, Inheritance, Polymorphism, Abstraction and design patterns like MVVM, MVC, and MVP.
* Develop administrative interfaces with the technologies of JSP, JSF, node.js, **Backbone.JS.**
* Writing **C#** and **XAML** code on windows forms on **WPF.**
* Involved in development of Application layer, business logic layer and data access layer using .NET 4.5, **C#, MVC 5, ASP.NET, ADO.NET, AJAX, WCF** and **SQL Server 2012.**
* Developed **WCF** service to get customer details.
* Used **AngularJS** as a library for DOM manipulation.
* Used Windows Presentation Foundation **(WPF)** for data validation.
* Developed several **.ASPX** pages as per the client’s requirements using **C#.**
* Custom templates include couple of static **HTML** pages for mobile and desktop knockout views as item templates that will serve as client side view in **MVVM** pattern.
* Extensively used advanced **PL/SQL** concepts such as bulk collect, bulk bind and composite data types to build complex database objects.
* Extensively used **SQL** profiler for troubleshooting, monitoring, and optimization of **SQL Server** and non-production database code as well as **T-SQL** code from developers and **QA.**
* Used Model-View-Control **(MVC)** software architecture in web applications to view the **HTML.**
* Involved in creating Single Page Applications **(SPA)** using **AngularJS**.
* Involved in design and development of web forms using **C#, ASP.NET, .NET** framework**, jQuery,** and **XML.**
* Used **ADO.NET** to develop and provide the team with the data layer functions and used **LINQ** to connect to database and fetch data.
* Developed web-based applications using **AJAX.**
* Developed several drill down and drill through reports using **SSRS.**
* Designed the layout of the **GUI** screens using **CSS** style sheets.
* Used **SQL Server 2008 R2**to create tables, procedures, sequences and triggers.
* Effectively developed user controls to provide search functionality on documents.
* Involved in bug fixes and production support.
* Maintained versions using Visual Source Safe **(VSS).**

**ENVIRONMENT:** Visual Studio 2012/2010, .NET framework, C#, ASP.NET, ADO.NET, VB.NET, WPF, Angular JS, Backbone.JS, UI, SQL, PL/SQL, T-SQL, WPF, JavaScript, MVC, MVVM, MVP, AJAX, CSS, CSS3, HTML5,XML, XAML, LINQ, WCF Service, SQL Server 2008 R2, SSRS, Oracle 10g, Microsoft Visio 2008, VSS.

**Aster Tele Services Pvt Ltd., Hyderabad, India Nov2012 – June 2013**

**Role: .NET Developer**

**Project Name: Resource Management Application**

HRMS is a complete Human Resource Management and optimization tool for any organization wanting to excel. It covers all aspects of the Human Resources, starting from Selection, Induction to Training, improving, optimizing, evaluating, appraising, attendance and leave management, payroll (monthly salary processing, tax calculations, generating form 16, full and final settlement), and communication with members, managing assets, reporting services, and retaining the resources. HRMS users can assess the application both in Internet and Intranet modes, and allows user to manage multiple companies/ locations/ branches together in an integrated manner.

**Responsibilities:**

* Designed and developed the software using **agile** development methodology.
* Developing HRMS web application using .Net Framework c#, ASP.NET
* Actively worked with all the phases of **SDLC.**
* Involved in development of **ASP** pages using **C#, ASP.NET,** Web Form Controls, **AJAX, jQuery,** and **MVC.**
* Developed **N-tier** web applications in **.NET** environment using **C#, ASP.NET,** Console Applications, Web Services, Silverlight, Web Forms, WinForms, **MySQL** and SQL Server 2005/2008.
* Designed **WPF** screens and implemented using **MVC** design patterns.
* Created the .**NET** template class hierarchy for the **JSON** structures so that each JSON file can be de-serialized in one **VB.NET** statement.
* Extensively used **WCF** for multiple services to interact with the application for the clients.
* Actively involved in testing the web services using **SOAP UI.**
* Utilized Knockout.JS, MVVM, jQuery, **MVC**, C# and SQL application stack.
* Extensively used Object Oriented Programming for developing the application.
* Used **ADO.NET** for database connectivity to SQL Server 2008/2005database.
* Used **ASP.NET** with server controls, **HTML** controls and user controls for developing Web Forms for **UI**.
* Created **PL/SQL** program units to include DML, DDL statements using Dynamic SQL.
* Involved in database design. Created stored procedures, packages, database views and worked with **T-SQL** queries for the underlying **SQL** Server Database.
* Involved in loading data in dimension tables in **SQL Server** using **SSIS** packages.
* Involved in creating reports using SQL Server Reporting Services **(SSRS).**
* Performed Unit Testing to identify and resolve functional issues.
* Version Control maintained through Team Foundation Server (TFS).

**ENVIRONMENT**: Visual Studio 2010, .NET Framework 4.0, C#, ASP.NET, VB.NET, ADO.NET, WCF, WPF, Web Services, AJAX, UI, jQuery, XML, LINQ, MVVM, AJAX,PL/SQL, SQL, MVC, HTML, CSS, T-SQL, SQL Server 2008, SOAP UI, SSIS, SSRS, TFS.

**Ram Infosoft, Hyderabad, India July 2008 – Oct 2012**

**Role: .NET Developer**

**Project Name: Office Automation System**

Ram InfoSoft provides firsthand information with ease to the employees of the organization, automates the processes by reducing the slow and inflexible paper processes, and acts as a knowledge base. It provides employee information like Ecode, Name, e-mail, extension and project with searchable options.  The official news, announcements, Bulletin, corporate holidays, Training information and Employee birthdays are hosted in Intranet. The requisitions like Leave, pay slip, salary / service certificate have been automated.

**Responsibilities:**

* Extensively used **ASP.NET, VB.NET** and **JavaScript** to develop web applications.
* Used **VB.NET** and **SQL** to design and develop various abstract classes, interfaces, classes to construct the business logic.
* Used **C#** to implement business logic and to perform transaction processing.
* Extensively used Object Oriented Programming **(OOP)** and Design Patterns.
* Developed Data Access Layer in **VB.NET** to do the entire database related operations and used **ADO.NET** objects to connect the database and access data.
* Used **AJAX** for developing web-based applications.
* Designed database in **SQL Server** and extensively used stored procedures, functions views and triggers to enforce entity relationships.
* Created administrative reports using Crystal Reports.
* Used **CSS** for achieving uniformity through all the web pages.
* Retrieved and displayed the data in the required format using data sets and data grid.
* Maintained version control through Visual Source Safe **(VSS).**

**ENVIRONMENT:** Visual Studio 2005, .NET 2.0, VB.NET, ASP.NET, ADO.NET, C#, .NET, SQL Server 2005, SQL Query Analyzer, HTML, CSS, AJAX, JavaScript, SQL Server 2008, VSS.